

DOCKET

REGULATORY DOCKET FILE COPY

Docket No. 50-206

Mr. James H. Drake  
Vice President  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

JAN 04 1980

Dear Mr. Drake:

On January 2, 1980, the NRC issued an Order to Show Cause regarding implementation of Lessons Learned Short Term requirements at San Onofre Nuclear Generating Station Unit No. 1. Section IV of that Order stated in part that Category A requirements had to be implemented by January 31, 1980, unless shutdown would severely impact the power reliability in the Pacific Northwest as determined by WSCC and documented by the licensee to the Director, Office of Nuclear Reactor Regulation.

The Department of Energy, through its Division of Power Supply and Reliability, has been requested by the NRC to perform an analysis of information concerning power reliability received pursuant to this Order. Accordingly, should you desire to seek an extension of the implementation of Category A requirements beyond January 31, 1980, on the basis of power reliability, you should submit by January 15, 1980, the information identified in the enclosure both to this Office and to Richard Weiner, Director, Division of Power Supply and Reliability, 2000 M. Street, NW, U. S. Department of Energy, Washington, D. C. 20461. This will permit a timely evaluation of your justification prior to January 31, 1980.

Sincerely,  
Original Signed by  
H. R. Denton

Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Enclosure:  
Power Reliability Data

cc w/enclosure:  
See next page

*Handwritten:* NY-4-80

SEE PREVIOUS YELLOW FOR OTHER CONCURRENCES

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OFFICE	▶ NRR/DIR					
SURNAME	▶ HRDenton					
DATE	▶ 1/4/80					
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Docket No. 50-206

Mr. James H. Drake  
Vice President  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

Dear Mr. Drake:

On January 2, 1980, the NRC issued an Order to Show Cause regarding implementation of Lessons Learned Short Term requirements at your station. Section IV of that Order stated in part that Category A requirements had to be implemented by January 31, 1980, unless shutdown would severely impact the power reliability in the Pacific Northwest as determined by WSCC and documented by the licensee to the Director, Office of Nuclear Reactor Regulation.

Accordingly, should you desire to seek an extension of the implementation of Category A requirements beyond January 31, 1980, on the basis of power reliability you should submit by January 15, 1980, the information identified in the enclosure both to this Office and to Richard Weiner, Director, Division of Power Supply and Reliability, 2000 M. Street, NW, U. S. Department of Energy, Washington, D. C. 20461. This will permit a timely evaluation of your justification prior to January 31, 1980.

Sincerely,

Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Enclosure:  
Power Reliability Data

cc w/enclosure:  
See next page

cc J. Lieberman  
J. Youngblood

OELD  
Concurrence  
per J. Lieberman  
JT 1/3/80

1/3/80

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DATE	1/3/80	1/3/80	1/3/80	1/3/80	1/3/80	1/3/80

Mr. James H. Drake

- 2 -

January 4, 1980

cc w/enclosure:

Charles R. Kocher, Assistant  
General Counsel  
Southern California Edison Company  
Post Office Box 800  
Rosemead, California 91770

David R. Pigott  
Samuel B. Casey  
Chickering & Gregory  
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Twenty-Third Floor  
San Francisco, California 94111

Jack E. Thomas  
Harry B. Stoehr  
San Diego Gas & Electric Company  
P. O. Box 1831  
San Diego, California 92112

U. S. Nuclear Regulatory Commission  
ATTN: Robert J. Pate  
P. O. Box 4167  
San Clemente, California 92672

Mission Viejo Branch Library  
24851 Chrisanta Drive  
Mission Viejo, California 92676

Mayor  
City of San Clemente  
San Clemente, California 92672

Chairman  
Board of Supervisors  
County of San Diego  
San Diego, California 92101

California Department of Health  
ATTN: Chief, Environmental  
Radiation Control Unit  
Radiological Health Section  
714 P Street, Room 498  
Sacramento, California 95814

Director, Technical Assessment  
Division  
Office of Radiation Programs  
(AW-459)

U. S. Environmental Protection  
Agency  
Crystal Mall #2  
Arlington, Virginia 20460

U. S. Environmental Protection  
Agency  
Region IX Office  
ATTN: EIS COORDINATOR  
215 Freemont Street  
San Francisco, California 94111

# INFORMATION REQUIRED FOR EVALUATION OF ADVERSE ELECTRIC SYSTEM RELIABILITY IMPACT

An electric system demonstrating an adverse impact on the adequacy or reliability of the electric power supply must submit the following data, for the period of concern, to the NRC and the ERA:

- \* A listing of all utility-owned (in whole or in part) generators and their expected availability and capacity to produce power. Indicate planned unit maintenance or other outage and rationale for scheduling such outage at this time.
- \* A listing of all existing electric power purchase and sale contracts. Also, identify any special purchase or sales of power that take place. Indicate the specific applicability in megawatts of any of these contracts to the period of concern.
- \* A copy of any regional power sharing or reliability agreement indicating the specific applicability of any part of this agreement and provide detailed information regarding the possible impact of applicable load curtailment plans.
- \* The expected peak load for each month in the period of concern, identifying any interruptible loads available. Additionally, an analysis of the impact of adverse weather conditions on monthly peak demand should be supplied.
- \* A description of any expected system transmission line loading, voltage control, or system stability problem. Identify any extended transmission line or generating unit outages which may have an impact.
- \* The level of current fuels inventories, an assessment of the adequacy of fuel supplies to meet energy requirements during the planned nuclear outage, and the expected impact of the nuclear unit outages on these levels.
- \* A description of any expected impact on the regional power supply network.
- \* A weekly compilation of the utility's net energy for load for the projected outage period and for the same time period of the previous year (includes details on generation, purchases and sales, and anticipated load). Provide details on any load management or similar activity which might cause significant variations in customer energy requirements.

- \* A calculation of the anticipated minimum generating reserve margin during each week of the period. The minimum reserve margin shall be calculated as the generating capacity in megawatts available to supply load above the anticipated system peak load for the week. (This calculation should consider system power sales and purchases). Please relate the reserve margin calculation to its corresponding loss of load probability.
- \* A statement on the availability of emergency support from contiguous control areas, indicating size of potential support and conditions on availability.
- \* Any other pertinent information the utility deems important and related to the power supply adequacy and reliability evaluation. Please note that this evaluation will be accomplished only on a technical bases. Economic considerations based on increased fuel costs or other similar arguments will not be factors in the reliability evaluation.
- \* All data should be supplied for the electric system controlling the nuclear unit(s) of concern and the control area in which these generators operate.